CDF Operations Report

Sung-Won Lee

Texas A&M University

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Store Summary

store	start date	time [hours]	initial lumi [E30]	int. lumi delivered [pb^{-1}]	live lumi [pb^{-1}]	live lumi w/ si [[nb^{-1}]	comments
4072	3/31	25.6	68.3	2.60	2.27 87.2%	1.95 74.7%	clock problem
4073	4/2	16.8	80.4	1.88	1.26 67.3%	1.16 61.7%	silicon L00 cooling event logger disk
4074	4/2	28.8	93.2	3.79	2.79 73.6%	2.72 71.9%	error logger, L2 decision crate problem
4075	4/4	32.0	118.7	4.81	3.99 82.8%	2.95 61.2%	several HV trips flying wire tests
4078	4/6	16.1	103.5	2.88	2.49 86.4%	2.49 86.4%	pulsar driving only flying wire tests
4081	4/7		105.6		90%(??)	90%(??)	In progress smooth running now
Total	10-17	113.8	94.9	16 pb-1	12.8 pb^{-1} 80.0%	11.3 pb^{-1} 70.6%	

CDF Operations

- Pulsar Status
  - Pulsar is now the official L2 decision maker. The alpha is no longer included in the readout. We have been running both systems in parallel for 10 days
  - The alpha crate will continue to remain powered and in a stand by state for 1 month
  - Future trigger development will be done with the pulsar system exclusively.
  - Congratulations to all Pulsar folks!!

- DAQ/Run Control – good performance
  - almost finished DAQ VRB firmware upgrade - solved problem of data corruption
  - ProcMon – new script added to monitor a RT server

- Several HV trips
  - Silicon, COT, PCAL
  - Recently some muon HV trips: Miniskirt section that tripped had not given us problems before. We took it out for a while. Eventually it was reintegrated when it was stable again. No explanation yet as to the problem

- Misc.
  - CDF had a difficult time at start of stores last week; clock, L00 cooling problems, DAQ (L2 decision crate) etc..
  - Several "End of store" tests done: Si VRB flashing, L2 pulsar node test, SVT startup script test, trigger table test
  - Flying wire tests: coordinated with MCR using their new automated procedure. It worked well and our losses observed were quite small.

- In general CDF had a good days in this week